Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: ELELS
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 15/07/09 **Seed Collection Reference Number:** GBPML-04

Collector(s): BENNETT, R. AND COLE, E

Country: USA **Ecoregion (T,O,B):** 12-0; SIERRA NEVADA **State:** CA **County:** ALPINE

Location Details: OFF TRAIL BETWEEN CURTZ LAKE AND SUMMIT LAKE

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38° 43' 37.006" N **GPS Used?:** *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 119° 47' 30.8" W **GPS Datum:** *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6295 (FT) Landowner Details (Permission?): BLM (YES)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: PINUS JEFFREYI, PINUS MONOPHYLLA, ARCTUSTAPHYLES PATULA, PURSHIA TRIDENTATA, ARTEMISIA TRIDENTATA; JEFFREY PINE FOREST

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other:* #

Land Form: SLOPE Slope°: 20°

Land Use: COLLECTION Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: BASALT AND ANDESITE

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: TAN, SANDY

COLLECTION DATA - If plant has been identified by a specialist, please see other side.

Family: POACEAE **No. of Plants Sampled (min. 50):** >2000

Genus: ELYMUS **No. of Plants Found (approx.):** >10000

Species: E. ELYMOIDES **Area Sampled (acres):** 84A

Subspecies/Variety:

Seeds Collected From: *Plants* *Ground* *Both*

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1 FT

Native plant materials development and research this accession will be used for: RESTORATION AND STORAGE

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

Common Name(s) of Plants: SQUIRREL TAIL

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed:

Seed Test/Packaging Record

SOS-GBPMC-04

ELEL5-SOS-GBPMC-04-09
Elymus elymoides
Bottlebrush squirreltail
BLMS 1.42 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 4-8-10 AC
OSU Sample Taken	# of pounds: .72g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 94
Moisture Content: 5.3%
Seed Count: 127,400

REMARKS: see yellow sheet remarks. Awns are now off! (Good job/teamwork) maybe a few broken seed (over brush) but overall good + clean + flowing well.

GERM ___ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY ~98 or NOXIOUS WEED only ___

ENTERED

MOISTURE CONTENT (use one of three methods below)

Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
						—		23.9	5.3

X-Ray Results

94 % Filled

Results from 100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: _____ gms
Wt. of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~98 %

SEEDS PER POUND

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

Weight to three decimal places, when possible
Wt. of 5 reps of 100 seeds each (in grams).

.352 .358 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt. (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 3.56 = 1000 seed wt.
Seeds per Pound = 127,400

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.365

ENTERED

beg. bal .365
WRPIS -.087 10,000
New bal = .278

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4-8-10	0845		226-test	AC
		0930	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____